

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Department of Real Time Governance – Permission to centralize the raw data under the Data lake project to create Single Source of Truth for the citizen database - Hardware procurement and Maintenance and Data lake Implementation Software tools required for this project – Accorded - Orders – Issued.

DEPARTMENT OF REAL TIME GOVERNANCE

G.O.MS.No. 2

Dated: 26-06-2025
Read the following:-

Request received from the CEO, RTGS in the e-file no ITC01-IT0INFR(SDC)/10/2025-INFRA

O R D E R:-

Andhra Pradesh state, at present, doesn't have a centralized data system within the Government which is a single source of truth..Despite numerous departments having data, it is not yet fully integrated, which is creating technical barriers that hinder the efficient delivery of Government services to citizens. A large "Data lake" need to be established to integrate data from all departments of the state Government and to create a centralised data system through digital integration of all departments to extend various services to citizens in digital mode.

2. By integrating diverse data sources, the Data Lake ensures efficient data sharing and collaboration between departments, breaking down silos and fostering a unified approach to data management.

3. The Real-Time Governance Society (RTGS) is seeking the following three main components to kickstart the data lake project:

a. Hardware Component: Regarding the hardware and hosting, the CEO, RTGS had proposed that the Data Lake project is to be hosted at AP State Data Center (APSDC) since many of the Government applications and its databases are hosted at APSDC.

b. Software Component: RTGS has proposed a data platform for building and managing data lake and a comprehensive suite of apps that can provide the infrastructure and governance needed to integrate and manage data for data lake.

c. Project Management Component: RTGS has identified the technical manpower required for creation and maintenance of Data Lake along with Data Analytics and implementation of AI/ ML use cases.

4. Stating the above, the CEO, RTGS in the reference read above has submitted a proposal on the requirement of Hardware, Software, Cost of Manpower and DAM tools required for this project as follows:

SI No	Component	Raw & Schema Layers	Curated Layer	AI/ML	Total Amount (Cr)
1	Infrastructure, OS Software & Other tools	--	--	--	46
2	Data Lake Implementation Software tools	--	--	--	42.23
3	Manpower Cost	76.46	10.68	12.76	99.9
	Total	76.46	10.68	12.76	188.13

5. The Government after careful examination of the matter hereby accord permission to centralize the raw data under the data lake project, from all 36 departments (including all 340 HODs and all Districts) of Andhra Pradesh to create a Single Source of Truth for the citizen database and create the project as a centralized repository for storing both structured and unstructured data from all government departments, which provides a scalable platform that supports advanced analytics, generates actionable insights, and enables data-driven decision-making across various sectors of governance.

6. The CEO, RTGS is informed that the proposal for Hardware procurement and Maintenance and Data lake Implementation Software tools as mentioned above are accepted by the Government. Regarding Manpower cost of 100 Crores, he is requested to engage a firm on output basis rather than man power deployment.

7. The Chief Executive Officer, Real-Time Governance Society (RTGS) shall take necessary action accordingly.

8. This order issued with the concurrence of the Finance department vide their UO No. FIN01-FMU0PC(GAD1)/18/2025 dated 23.06.2025.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

BHASKAR KATAMNENI
SECRETARY TO GOVERNMENT (FAC)

To

The Chief Executive Officer, Real-Time Governance Society (RTGS)

Copy to:

The Special Chief Secretaries/ Principal Secretaries/ Secretaries to Government of all the Departments and the District Collectors through the CEO, RTGS

The OSD to Secretary to Chief Minister

The OSD to the Minister for RTG Department.

The PS to Secretary to Government, RTG Department.

SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER